



EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 80 feet (24 m).

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 100-foot-overburden isopach). Arrow points toward strippable area.

• ————— 10 ————— •

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit. To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

Em - Emery coal zone

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

TRACE OF COAL ZONE OUTCROP - Showing symbol  
of name of coal zone as listed above.  
Arrow points toward coal-bearing area.  
Dashed where inferred.

INFERRED LIMIT OF BURNED AND CLINKERED  
COAL - Arrow points toward area of baked  
and fused rock.

To convert feet to meters, multiply feet  
by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

COAL RESOURCE OCCURRENCE MAP OF THE NORTHWEST QUARTER OF THE  
MT. PENNELL 15-MINUTE QUADRANGLE, GARFIELD COUNTY, UTAH  
BY  
DAMES AND MOORE  
1979

PLATE 5  
OVERBURDEN ISOPACH AND MINING  
RATIO MAPS OF THE EMERY [1]  
AND EMERY [2] COAL BEDS